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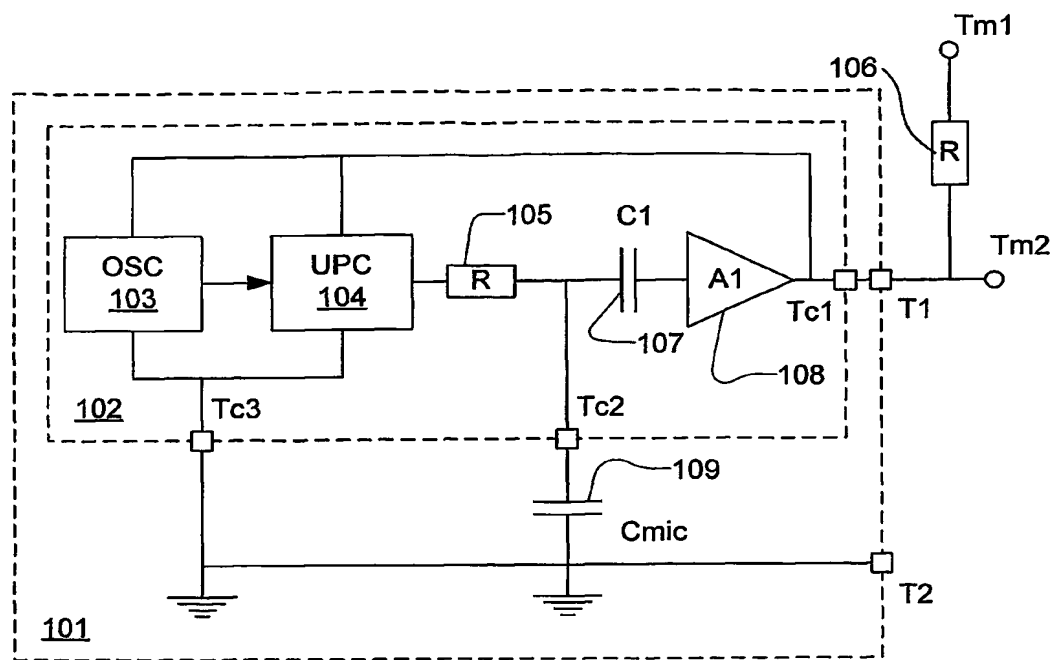
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| <p><b>(51) International Patent Classification<sup>7</sup>:</b> <b>H02M 3/07,</b> (74) <b>Agent: ZACCO DENMARK A/S;</b> Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).</p> <p><b>(21) International Application Number:</b> PCT/DK2004/000837</p> <p><b>(22) International Filing Date:</b> 1 December 2004 (01.12.2004)</p> <p><b>(25) Filing Language:</b> English</p> <p><b>(26) Publication Language:</b> English</p> <p><b>(30) Priority Data:</b><br/>60/525,826      1 December 2003 (01.12.2003)      US</p> <p><b>(71) Applicant (for all designated States except US):</b> AUDIOA-SICS A/S [DK/DK]; Langebjergvænget 10A, st., DK-4000 Roskilde (DK).</p> <p><b>(71) Applicant and</b></p> <p><b>(72) Inventor (for all designated States except US):</b> DERUG-INSKY, Michael [DK/DK]; Batzkes Bakke 13A, DK-3400 Hillerød (DK).</p> | <p><b>(81) Designated States (unless otherwise indicated, for every kind of national protection available):</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p><b>(84) Designated States (unless otherwise indicated, for every kind of regional protection available):</b> ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG).</p> |
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**(54) Title: MICROPHONE WITH VOLTAGE PUMP**



**(57) Abstract:** An integrated circuit (102) configured to provide a microphone output signal, comprising: a preamplifier (108) coupled to receive an input signal, generated by a first microphone member that is movable relative to a second microphone member; and a voltage pump (104) to provide a bias voltage to either microphone member.

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